



03-31-04

1153

Practitioner's Docket No.: 791\_230

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Hiroshi KURACHI and Sang Jae LEE

Ser. No.: 10/702,130

Art Unit: 1753

Filed: November 5, 2003

Examiner: Not Assigned

Confirmation No.: 6835

For: GAS SENSOR

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

"EXPRESS MAIL" mailing label number EL994436088 US.

I hereby certify that this paper or fee is being deposited on *March 30, 2004* with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Elizabeth A. VanAntwerp*  
Elizabeth A. VanAntwerp

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. A copy of Reference AE listed on Form PTO-1449 is attached. In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed on Form PTO-1449.

Also enclosed is a copy of a European Search Report bearing a mailing date of March 16, 2004 from a corresponding European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

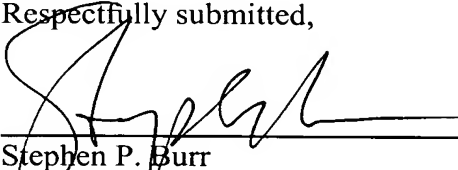
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of

this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

March 29, 2004  
Date

Respectfully submitted,

  
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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/702,130
				Filing Date	November 5, 2003
				First Named Inventor	Hiroshi KURACHI
				Art Unit	1753
				Examiner Name	Not Assigned
				Confirmation No.	6835
Sheet	1	of	1	Attorney Docket No.	791_230

#### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AB*	4,282,080	08-04-1981	Müller et al.				
	AC*	4,559,126	12-17-1985	Mase et al.				
	AD*	4,909,922	03-20-1990	Kato et al.				

#### U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AE	0 108 179 A1	05-16-1984	EP				

#### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)


Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**\*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed above.**